

REMARKS

Claims 1-16 are pending. By this Amendment, Figures 1 and 2 are corrected by the attached Request for Approval of Drawing Corrections. Claims 1-16 are amended. The specification is amended via the attached Substitute Specification. The Abstract is amended by the attached Substitute Abstract.

The attached Appendix includes marked-up copies of the Abstract, Substitute Specification (37 C.F.R. §1.125(b)(2)) and each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Prompt and favorable examination on the merits is respectfully requested.

Respectfully submitted,



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Attachments:

Substitute Abstract
Appendix
Substitute Specification
Marked-up copy of original specification
Request for Approval of Drawing Corrections

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APPENDIX

Changes to Abstract:

The following is a marked-up version of the amended Abstract.

~~An objective of~~ The the present invention is to ~~provides~~ provide a data output controller ideally suited for easily obtaining detailed information available on a network.

____ ~~A~~ data output control terminal ~~300~~ is communicably connected to a portable terminal ~~400~~ possessed by a user, printing devices ~~PR₁ through PR_n~~ distributed and installed at various locations, and WWW servers ~~DS₁ through DS_m~~ via the Internet ~~400~~, acquires data regarding a data print request from the portable terminal ~~400~~ from the WWW servers ~~DS~~, selects a printing device ~~PR~~, which is considered to be optimum for the user of the portable terminal ~~400~~ to receive provided output data, from among a plurality of printing devices ~~PR~~, and outputs the acquired data to the selected printing device ~~PR~~. Regarding the selection of a printing device ~~PR~~, data on a printing device position is retrieved from the storage device ~~62~~ on the basis of, for example, data on a desired providing area indicating a desired providing area where output data is desired to be provided, and a printing device ~~PR~~ located in an area specified by the data on a desired providing area is selected.

Changes to Specification:

A Substitute Specification is attached in accordance with 37 C.F.R. 1.125(b)(2).

Changes to Claims:

The following are marked-up versions of the amended claims:

____ 1. ____ (Amended) A data output controller that is communicably connected, via a network, to a portable terminal that is possessed by a user and that, issues a data print request, ~~and features portability~~, and a plurality of output terminals that is distributed and installed at various locations to print data, receives a data print request from the portable terminal, and

outputs data regarding the data print request to the output terminals, the data output controller comprising:

_____ a storage devicemeans ~~thatfor~~ storesstoring output terminal information regarding the output terminals for each of the output terminals;

_____ a selecting devicemeans ~~thatfor~~ selectsselecting one of the plurality of output terminals; and

_____ an output devicemeans ~~thatfor~~ outputsting the data regarding the data print request to the output terminal selected by the selecting devicemeans,

_____ ~~wherein~~ the data print request includinges search data necessary for the selecting devicemeans to select the output terminal, and

_____ the selecting devicemeans retrievinges output terminal information from the storage devicemeans on the basis of the search data contained in the data print request so as to select an output terminal considered to be the best suited for the user of the portable terminal to receive provided output data.

_____ 2. _____ (Amended) ~~The~~A data output controller according to claim 1, ~~wherein~~

_____ the output terminal information includingincludes data on an output terminal position ~~tofor~~ determining the location where the output terminal is installed, ~~and~~

_____ the search data ~~may~~ includinge data on a portable terminal position ~~tofor~~ determining the position of the portable terminal, and

_____ the selecting devicemeans retrievinges output terminal position data from the storage devicemeans on the basis of data on a portable terminal position contained in the search data, to thereby selecting an output terminal considered to be the closest distance-wise or time-wise, taking the position of the portable terminal as ~~at~~ the reference.

_____ 3. _____ (Twice Amended) ~~The~~A data output controller according to claim 1, ~~wherein~~

_____ the output terminal information includinges data on an output terminal position ~~to~~for determining a location where the output terminal is installed, ~~and~~ _____ the search data ~~may~~includinge data on a desired providing area that indicates a desired providing area, which is an approximate place where output data is desired to be provided, and _____ the selecting ~~devicemeans~~ retrievinges data on an output terminal position from the storage ~~devicemeans~~ on the basis of the data on a desired providing area included in the search data to thereby to select an output terminal located in an area specified by the data on a desired providing area.

_____ 4. _____ (Amended) ~~The~~A data output controller according to claim 3, ~~wherein~~ _____ the selecting ~~devicemeans~~ does not performing search based on the data on a portable terminal position if the position specified by the data on a portable terminal position is not included in the area specified by the data on a desired providing area included in the search data.

_____ 5. _____ (Twice Amended) ~~The~~A data output controller according to claim 1, ~~wherein~~ _____ the output terminal information includinges printing format data indicating a data format that can be printed by the output terminal among data formats of data regarding the data print request, ~~and~~ _____ the search data ~~may~~includinge the printing format data, and _____ the selecting ~~devicemeans~~ retrievinges printing format data from the storage ~~devicemeans~~ on the basis of the printing format data included in the search data, and selectings an output terminal associated with the printing format data.

_____ 6. _____ (Twice Amended) ~~The~~A data output controller according to claim 1, ~~wherein~~ _____ the output terminal information includinges printing specification data indicating the printing specification of the output terminal, ~~and~~

_____ the search data ~~may including~~ the printing specification data, and
 _____ the selecting ~~devicemeans~~ retrieving printing specification data from the
 storage ~~devicemeans~~ on the basis of printing specification data included in the search data,
 and selecting an output terminal associated with the printing specification data.

_____ 7. _____ (Twice Amended) ~~The~~A data output controller according to claim 1,
 wherein-

_____ the output terminal information including output terminal identifying data
~~that for identifying~~ the output terminals, and
 _____ the search data ~~may including~~ the output terminal identifying data, and
 _____ the selecting ~~devicemeans~~ retrieving output terminal identifying data from
 the storage ~~devicemeans~~ solely on the basis of output terminal identifying data included in the
 search data, and selecting an output terminal that coincides with the output terminal
 identifying data.

_____ 8. _____ (Twice Amended) ~~A~~ ~~The~~ data output controller according to claim 1,
 wherein-

_____ the output ~~devicemeans~~ outputting output terminal information
 corresponding to an output terminal selected by the selecting ~~devicemeans~~ to the portable
 terminal.

_____ 9. _____ (Amended) ~~The~~A data output controller that is communicably connected, via
 a network, to a portable terminal that is possessed by a user and that, issues a data output
 request, ~~and features portability~~, and a plurality of output terminals that are distributed and
 installed at various locations to output data, receives a data output request from the portable
 terminal, and outputs data regarding the data output request to the output terminals, the data
 output controller comprising:

_____ a storage device~~means that~~for storing output terminal information regarding the output terminals for each of the output terminals;

_____ a selecting device~~means that~~for selecting one of the plurality of output terminals; and

_____ an output device ~~that~~means for outputting the data regarding the data output request to an output terminal selected by the selecting device~~means~~,

_____ ~~wherein~~ the data output request including~~es~~ search data necessary for the selecting device~~means~~ to select the output terminal, and

_____ ~~the~~ selecting device~~means~~ retrieving~~es~~ output terminal information from the storage device~~means~~ on the basis of the search data contained in the data output request so as to select an output terminal considered to be the best suited for the user of the portable terminal to receive provided output data.

_____ 10. _____ (Amended) ~~The~~A data output controller according to claim 9, ~~wherein~~

_____ the output terminal information including~~es~~ data on an output terminal position ~~to determine~~for determining the location where the output terminal is installed, ~~and~~

_____ the search data including~~es~~ data on a portable terminal position ~~to determine~~for determining the position of the portable terminal, and

_____ the selecting device retrieving~~means~~ retrieves data on an output terminal position from the storage device~~means~~ on the basis of the data on a portable terminal position contained in the search data, to thereby selecting an output terminal considered to be the closest distance-wise or time-wise, taking the position of the portable terminal as a~~the~~ reference.

_____ 11. _____ (Twice Amended) ~~The~~A data output controller according to claim 9,

~~wherein~~

_____the output terminal information includinges data on an output terminal position for determining a location where the output terminal is installed, ~~and~~

_____the search data ~~may include~~ing desired providing area data that indicates a desired providing area, which is an approximate place where output data is desired to be provided, and

_____the selecting ~~devicemeans~~ retrievinges data on an output terminal position from the storage ~~devicemeans~~ on the basis of the data on a desired providing area included in the search data to thereby ~~to~~-select an output terminal located in an area specified by the data on a desired providing area.

_____12. _____(Amended) ~~The~~A data output controller according to claim 11, ~~wherein~~

_____the selecting ~~devicemeans~~ does not performing a search based on data on a portable terminal position if the position specified by the data on a portable terminal position is not included in the area specified by data on a desired providing area included in the search data.

_____13. _____(Twice Amended) ~~The~~A data output controller according to claim 9,

~~wherein-~~

_____the output terminal information includinges output format data indicating a data format that can be output by the output terminal among data formats of data regarding the data output request, ~~and~~

_____the search data ~~may include~~ing the output format data, and

_____the selecting ~~devicemeans~~ retrievinges output format data from the storage ~~devicemeans~~ on the basis of the output format data included in the search data, and selectinges an output terminal associated with the output format data.

_____14. _____(Twice Amended) ~~The~~A data output controller according to claim 9,

~~wherein-~~

_____ the output terminal information including inges output specification data indicating the output specification of the output terminal, ~~and~~

_____ the search data ~~may include~~ing the output specification data, and

_____ the selecting devicmeans ~~retriev~~inges output specification data from the storage devicmeans on the basis of output specification data included in the search data, and selectings an output terminal associated with the output specification data.

_____ 15. _____ (Twice Amended) TheA data output controller according to claim 9, ~~wherein-~~

_____ the output terminal information including inges output terminal identifying data ~~that for~~ identifiesing the output terminals, ~~and~~

_____ the search data ~~may include~~ing the output terminal identifying data, and

_____ the selecting devicmeans ~~retriev~~inges output terminal identifying data from the storage devicmeans solely on the basis of output terminal identifying data included in the search data, and selectings an output terminal that coincides with the output terminal identifying data.

_____ 16. _____ (Twice Amended) TheA data output controller according to claim 9, ~~wherein-~~

_____ the output devicmeans ~~output~~tings output terminal information corresponding to an output terminal selected by the selecting devicmeans to the portable terminal.